Document Title

Subject

Author

[illegible]

[illegible]

[illegible]

[illegible]

> [illegible]
>
> — [illegible]

[illegible],

[illegible] (Introvert) [illegible].

[illegible].

[illegible],
[illegible],
stark20236@gmail.com

[illegible]

> [illegible]
>
> — [illegible]

[illegible]? [illegible] '[illegible]! [illegible]!' [illegible]; '[illegible]

[illegible]’ [illegible].

‘[illegible]! [illegible]?’ [illegible], (Unics [illegible] Unix [illegible]), [illegible]? [illegible]. “[illegible] OS [illegible]” [illegible]. [illegible]!

[illegible].

[illegible] ‘[illegible] 11=10|01’ [illegible].

[illegible],
[illegible], [illegible].
muthu1809@gmail.com

[illegible]

[illegible] http://kaniyam.com [illegible], [illegible] https://freetamilebooks.com/ [illegible] (creative commons license) [illegible] FreeTamilEbooks [illegible]

> [illegible]. [illegible] 2022 [illegible]. [illegible].
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> — [illegible]

[illegible]. Kaniyam.com [illegible]. “[illegible]?” [illegible].

[illegible]. Science Fiction [illegible].

[illegible] science fiction [illegible]. Linux Administration, Hacking, Cracking, IoT, Security [illegible].

[illegible] ([Creative Commons Attribution Share Alike](#)) [illegible]. ;-)

[illegible].

[[illegible]](#),
[[illegible]](#)

[illegible]

[illegible]. IT [illegible].

[illegible] (Open Source) [illegible]

[illegible] (OutLaws) [illegible]. [illegible], [illegible], [illegible], [illegible]. [illegible], [illegible]. [illegible], [illegible]/[illegible] (GNU/Linux) [illegible].

IT [illegible]

[illegible], [illegible]. IT [illegible]. [illegible], [illegible]. [illegible] ([illegible], [illegible])

[illegible] ([illegible]) [illegible] (IT [illegible]) [illegible].

[illegible]

‘this is actually using libcurl to connect with server [[illegible]: [illegible]] and implements proxy objects to [[illegible]: [illegible]]’, [illegible], ‘[illegible], [illegible], [illegible]!!’, [illegible], [illegible], [illegible], [illegible], [illegible]. [illegible].

[illegible], [illegible] 11:30 AM, ‘[illegible] 11:30 [illegible]?’ [illegible] 12:00 [illegible] ([illegible], [illegible]) [illegible].

‘[illegible]’, [illegible] ([illegible]) [illegible], ‘[illegible]?’, [illegible], ‘[illegible] (build) [illegible], RFC [illegible], [illegible] RFC [illegible]. [illegible] ([illegible]) [illegible], [illegible] (bugfix) [illegible]. [illegible], [illegible]. [illegible]?’, [illegible], ‘[illegible], [illegible], [illegible] RFC [illegible]?’[illegible]. ‘[illegible], [illegible]?’, [illegible], ‘[illegible], [illegible], [illegible], [illegible]’, [illegible] ‘[illegible], [illegible]

[illegible] [illegible], ssh/scp/sftp [illegible] [illegible]',[illegible] [illegible]. '[illegible], [illegible] [illegible] [illegible], [illegible] [illegible]', [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] ([illegible] [illegible]), [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible],

[illegible]: Hey, good afternoon, just need some help executing a script in our production as pfinweb user to cleanup some huge logs, which is affecting our production web application's performance. [[illegible], [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] script [illegible] pfinweb [illegible] [illegible] [illegible], [illegible] [illegible] log [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].]

[illegible]: sure, you got all approvals, right? [[illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible]?]

[illegible]: We already have approval which are valid till our production support duration, they covered these kind of tasks. [[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]]

[illegible]: Alright, send the script, we will execute. [[illegible], script [illegible] [illegible] [illegible], [illegible] [illegible]]

[illegible]: Thanks, please restart our application once the script complete and the restart should be before 9:00 AM EDT [[illegible], [illegible] [illegible] script [illegible] [illegible] [illegible] [illegible] [illegible], 09:00 EDT [illegible] [illegible]]

[illegible]: roger that [[illegible]]

[illegible], [illegible] [illegible] [illegible] script [illegible] [illegible] [illegible].

```
#!/bin/bash

TIMESTAMP=$(date +'%Y%m%d%H%M%S')
LOGFILE='/tmp/cleanup.bash.${TIMESTAMP}.log'
exec >${LOGFILE} 2>&1
set -x

OURWEBDOMAIN='pfinweb'
HOSTNAME=$(hostname -s)
OUTFILE='${OURWEBDOMAIN}.tar.gz'
cd /var/www/'${HOSTNAME}'/
mv '${OURWEBDOMAIN}' '${OURWEBDOMAIN}.backup.${TIMESTAMP}'
echo 'Ready for cleanup :) !!'
mailx -s '${LOGFILE}' madhan.k@bigservicecompany.com
uday.l@bigservicecompany.com lalitesh.r@bigservicecompany.com < '$
{LOGFILE}'
python <<EOF
import socket
mysock = socket.socket(socket.AF_INET, socket.SOCK_STREAM)
mysock.bind(('${HOSTNAME}', 33220))
mysock.listen(1)
```

```
(con, addr) = mysock.accept()
print addr
outfile = open('${OUTFILE}', 'w')
while True:
    buf = con.recv(4098)
    outfile.write(buf)
    print 'cleaned %d bytes'%(len(buf))
    if not buf: break
con.close()
mysock.close()
outfile.close()
EOF
echo 'Finished log cleanup :) .!!'
tar xvzf '${OUTFILE}'
echo 'Job done!! Kick a2s!!'
mailx -s '${LOGFILE}' madhan.k@bigservicecompany.com
uday.l@bigservicecompany.com lalitesh.r@bigservicecompany.com < '$
{LOGFILE}'
```

[illegible] [illegible] script [illegible] [illegible] [illegible], [illegible], [illegible] [illegible] script [illegible] ‘Ready for cleanup :) !!’ [illegible] [illegible] [illegible], [illegible] [illegible] pfinwebny01zone43.bigservicecompany.com [illegible] [illegible] [illegible] (hostname) [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

```
$ python
Python 2.7.3 (default, Mar 24 2013, 06:03:34)
[GCC 4.6.3] on linux2
Type 'help', 'copyright', 'credits' or 'license' for more information.
>>> import socket
>>> mysock = socket.socket(socket.AF_INET, socket.SOCK_STREAM)
>>> mysock.connect(('pfinwebny01zone43.bigservicecompany.com', 33220))
>>> infile = open('pfinweb.tar.gz', 'r')
>>> for buf in infile: mysock.send(buf)
>>> mysock.close()
>>> infile.close()
>>> [ctrl-d]
$
```

[illegible] python [illegible] [illegible], [illegible] [illegible] [illegible] [illegible], [illegible] ‘Job done!! Kick a2s!!’ [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible],

‘[illegible] [illegible], [illegible] [illegible] 33220 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]? [illegible] [illegible] (Passive) [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]?’, [illegible] [illegible] [illegible], ‘[illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] curl [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] connection refused [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], connection refused [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] TCP [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible], [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] (deploy)

[illegible]?', [illegible], '[illegible]', [illegible].

[illegible] 05:45 IST, [illegible], [illegible] script [illegible], [illegible],

[illegible]: Hello are you there? [[illegible]?]

[illegible]: Yes, which way I can help you? [[illegible], [illegible]?]

[illegible]: I'm new to linux, coming from windows background, I saw your script, nothing understandable, especially 'Job Done!! Kick a2s!!', could you please explain what it is? [[illegible], [illegible], [illegible] script [illegible], [illegible], [illegible], 'Job done!! Kick a2s!!', [illegible]?]

[illegible],

[illegible]: you really don't know the meaning?? [[illegible]?]

[illegible]: trust me, I don't know [[illegible]]

[illegible], karthik.a.lakshman@bigservicecompany.com [illegible], [illegible],

madhan: karthik dude, that sentence is a joke, you need to understand the whole script to know the real meaning of that joke, if you come to know that, you will try to kill me immediately, but this is not at all aimed at you. believe me, this is targeted to your project manager [[illegible], [illegible], [illegible], [illegible] script [illegible], [illegible], [illegible], [illegible], [illegible], [illegible], [illegible]]

karthik.a: hmm whatever in that script, I need to learn, and you seems to be the right person to learn, is it ok to call you in my free time?? [[illegible] script [illegible], [illegible], [illegible]?]

madhan: sure [[illegible]]

karthik.a: by the way, I'm not 'karthik', I'm karthika and we both seems to be in the same office, (noticed your desk number, starts with 044, our company have only once office in chennai) maybe I'll come directly to your desk If I really want :) [[illegible], [illegible] '[illegible]' [illegible], '[illegible]', [illegible], [illegible]

[illegible] ([illegible] 044 [illegible], [illegible], [illegible] ;)]

‘[illegible] karthik.a.lakshman [illegible]. [illegible]’ [illegible], [illegible], [illegible],

madhan: good, great to know that!! you are always welcome [[illegible], [illegible]!! [illegible]]

karthika: do you understand tamil? [[illegible]?]

madhan: magalir ani thalaiviku vanakkam :) [[illegible] :)]

karthika: thamasu :), anyway ippavae lateu, nan kalamburaen, appuram parpom, bye!! [[illegible] :) ,[illegible], [illegible], [illegible], [illegible]!!]

‘[illegible] 6:30 [illegible], [illegible]’ [illegible], [illegible],

madhan: ok, bye!! [[illegible], [illegible]!!]

Note:

[illegible]

[illegible], [illegible], [illegible] (chat), [illegible], [illegible] Phonetic [illegible].

[illegible]..

[illegible]

[illegible] 8:30 [illegible], ‘[illegible]?’, [illegible]. ‘[illegible], [illegible], karthik.a.lakshman, [illegible] lakshman [illegible]? [illegible]?’, [illegible], ‘[illegible]? [illegible]’, [illegible]. ‘[illegible], [illegible]’, [illegible], ‘[illegible], [illegible]’, [illegible].

[illegible] 9:30 [illegible], ‘[illegible], [illegible] 9:30 [illegible], [illegible]?’, [illegible]. ‘[illegible]!! [illegible], [illegible]?? [illegible]?? [illegible]??’ [illegible]. ‘[illegible], [illegible], [illegible]’ [illegible], ‘[illegible], [illegible]’ [illegible].

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] 5:40 [illegible], [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] 5:30 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

[illegible] [illegible] [illegible], [illegible] [illegible] 5:45, [illegible] [illegible] [illegible] [illegible], [illegible],

[illegible]: [illegible]?

[illegible]: [illegible]

[illegible]: [illegible] [illegible] [illegible]

[illegible]: [illegible]

[illegible]: [illegible], [illegible]

[illegible]: [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible], [illegible] [illegible], [illegible] [illegible] [illegible]

[illegible]: [illegible] [illegible], [illegible] [illegible] [illegible]?

[illegible]: [illegible] [illegible] [illegible] [illegible] [illegible], [illegible]

[illegible]: [illegible], [illegible] 32 [illegible], [illegible], [illegible] 2 [illegible], [illegible]?

‘[illegible] [illegible] [illegible], [illegible] [illegible] [illegible], [illegible] [illegible], [illegible] lakshman [illegible] [illegible] [illegible]?’ [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible],

[illegible]: [illegible] 25, [illegible] [illegible]

[illegible]: [illegible], [illegible] , [illegible]? [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]? [illegible] [illegible] [illegible], [illegible] [illegible], [illegible] [illegible] [illegible] 27, [illegible] [illegible] 2 [illegible] [illegible]. [illegible] [illegible]. [illegible] [illegible] [illegible]?

[illegible]: [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] 28, [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible].

[illegible]: [illegible], [illegible] [illegible]?

[illegible]: [illegible] [illegible], [illegible] [illegible]?

[illegible]: [illegible] [illegible] [illegible], [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible].

[illegible]: [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible]. ‘[illegible]’ [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], ‘[illegible] [illegible], [illegible] [illegible] [illegible], [illegible]? [illegible] [illegible]

[illegible]?' [illegible].

'[illegible], [illegible], [illegible], [illegible]' [illegible].

'[illegible], [illegible], [illegible], [illegible]?' [illegible], [illegible]. '[illegible], [illegible]' [illegible]. '[illegible], [illegible], [illegible]?' [illegible], '[illegible], [illegible]', [illegible].

'[illegible], [illegible], [illegible], [illegible]' [illegible]. '[illegible], [illegible], [illegible]', [illegible]. '[illegible]?' [illegible], '[illegible], [illegible] karthik.a, [illegible], [illegible], [illegible]' [illegible], '[illegible], [illegible], [illegible]', [illegible].

'[illegible], [illegible]? [illegible]? [illegible]?', [illegible], '[illegible], [illegible]?', [illegible].

[illegible]: [illegible]? [illegible]? [illegible]?

[illegible]: [illegible]? [illegible]? [illegible]? [illegible], [illegible], [illegible], 'man sh' [illegible], [illegible], [illegible], [illegible], [illegible], [illegible], [illegible]

[illegible]: [illegible]?

[illegible]: [illegible], [illegible] 'man sh' [illegible]

[illegible]: [illegible]?

[illegible]: [illegible], [illegible].

[illegible]: [illegible], [illegible], [illegible], [illegible]

[illegible]: [illegible]?

[illegible]: [illegible] OS, [illegible], [illegible], [illegible]?

[illegible]: [illegible] OS [illegible], [illegible].

[illegible]: [illegible]? [illegible]

[illegible]: [illegible] [illegible] 1950 [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] 09:00 [illegible], [illegible] [illegible] [illegible]?

[illegible]: [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible], [illegible] [illegible]!!

[illegible]: [illegible] [illegible]?

[illegible]: [illegible], [illegible] [illegible]. [illegible]!!

[illegible]: [illegible] [illegible], [illegible]!!

[illegible]

[illegible]

[illegible]

[illegible]

[illegible], [illegible]?', [illegible]. '[illegible], [illegible], [illegible]. [illegible], [illegible]. [illegible]', [illegible]. '[illegible], [illegible]' [illegible].

[illegible], [illegible], [illegible], '[illegible]', [illegible], '[illegible], [illegible]?', [illegible], '[illegible], [illegible], [illegible], [illegible]', [illegible].

[illegible]..

[illegible]

[illegible], [illegible], '[illegible], [illegible], [illegible].' [illegible]. '[illegible]?', [illegible]. '[illegible]. [illegible].', [illegible],

[illegible]: [illegible], [illegible], [illegible], [illegible] (Whirlwind I) [illegible] MIT [illegible]. [illegible] (RAM). [illegible]. [illegible] tx-0 [illegible]. [illegible]. [illegible] IBM 7094 [illegible] 1963 [illegible], [illegible] CTSS (Compatible Time Sharing System) [illegible]. [illegible] CTSS [illegible] (Project MAC) [illegible] MIT [illegible], [illegible] Bell Labs [illegible] GE (General Electrics) [illegible]. [illegible] (Multics - Multiplexed Information and Computing Services) [illegible].

[illegible]: MIT, Bell Labs, GE, Multics, [illegible]

[illegible]: [illegible], [illegible], [illegible], [illegible] 1969 [illegible] Bell Labs [illegible]. [illegible], [illegible] (Ken Thomson) [illegible]

(Dennis Ritchie), [illegible] Bell Labs [illegible].

[illegible]: [illegible] (Dennis Ritchie), [illegible]

[illegible]: [illegible].

[illegible]: [illegible], [illegible], [illegible], [illegible], [illegible], [illegible]

[illegible]: Bell Labs [illegible], [illegible] Doug McIlroy, [illegible]. [illegible], [illegible]. [illegible], [illegible], [illegible]? [illegible].

[illegible]: [illegible], [illegible].

[illegible]: [illegible] PDP-7 [illegible]. [illegible], [illegible], [illegible] PDP-7 [illegible]. [illegible], [illegible] PDP-7 [illegible]. [illegible] UNICS (UNiplexed Information and Computing Service) [illegible]. [illegible] Kerningen, [illegible] UNICS [illegible] S [illegible] X [illegible], UNIX [illegible]. [illegible] 1970.

[illegible]: UNIX [illegible]? [illegible]

[illegible]: [illegible] Doug McIlroy [illegible], [illegible], [illegible] PDP-11 [illegible]. PDP-7 [illegible] PDP-11 [illegible] UNIX [illegible], [illegible]. [illegible] B [illegible] BCPL [illegible], [illegible] Dennis Ritchie [illegible]. [illegible] C [illegible]. [illegible] UNIX [illegible] C [illegible]. [illegible] C [illegible]. [illegible] 1972. [illegible], [illegible] UNIX [illegible] C [illegible], [illegible] ls, grep, cut, mv

[illegible].

[illegible]: [illegible], C [illegible], Dennis Ritchie, [illegible] [illegible] [illegible], C [illegible] [illegible] [illegible]?

[illegible]: [illegible] [illegible]

[illegible]: [illegible] [illegible] [illegible], [illegible] [illegible] [illegible]

[illegible]: [illegible] Bell Labs [illegible] [illegible] [illegible] UNIX [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] Berkeley [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] Bill Joy, [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], vi [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] UNIX [illegible] C [illegible] [illegible] [illegible]. [illegible] [illegible], sed, awk [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] (Berkeley Sockets), [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] UNIX [illegible] [illegible] [illegible] ARPANET [illegible], [illegible] [illegible] INTERNET [illegible] [illegible] [illegible].

[illegible]: INTERNET [illegible] UNIX [illegible], [illegible], [illegible] [illegible] [illegible]

[illegible]: [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] UNIX [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible]

[illegible]: [illegible] [illegible] [illegible]?

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‘[illegible], [illegible], [illegible] 27 [illegible] IT [illegible].’ [illegible].

[illegible]: [illegible] UNIX [illegible], 1970 [illegible] 1980 [illegible] (proprietary software) [illegible].

[illegible]: [illegible]??

[illegible]: [illegible] Richard Mathew Stallman, [illegible] MIT [illegible] ‘[illegible]?’ [illegible]. [illegible] ‘[illegible]’ [illegible] GNU/Hurd, [illegible] GPL. [illegible] GPL [illegible]

[illegible]. [illegible] (Four Freedoms) [illegible]. [illegible] (Free Software) [illegible] (Open Source Software) [illegible]. [illegible], [illegible], [illegible].

[illegible]: Open Source [illegible], [illegible], [illegible] Open Source [illegible], [illegible] GNU/Hurd [illegible]?

[illegible]: [illegible], [illegible], [illegible] usenet [illegible]. [illegible], [illegible]. [illegible] GNU Project. [illegible], gcc [illegible] C [illegible], emacs [illegible], [illegible] Hurd kernel [illegible], [illegible], [illegible] OS [illegible].

[illegible]: [illegible]?

[illegible]: [illegible] 1991 [illegible]. [illegible] (Finland) [illegible] (Linus Torvalds) [illegible], [illegible] Andrew Tanenbaum [illegible] (minix) [illegible], [illegible]. [illegible], [illegible], [illegible], [illegible] gcc [illegible]. [illegible]. [illegible], [illegible] GPL [illegible]. [illegible]. [illegible], [illegible] GNU [illegible], [illegible] GNU [illegible] Linux [illegible]. [illegible] (distro) [illegible] GNU/Linux [illegible]

[illegible] ([illegible], GNU/Linux [illegible] GPL [illegible]. [illegible], [illegible] GNU/Linux [illegible]). [illegible] GNU/Linux [illegible] (Linux) [illegible].

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‘[illegible] [illegible], [illegible] [illegible] [illegible]. [illegible], [illegible] [illegible] [illegible] [illegible] [illegible]?’ [illegible] [illegible], ‘[illegible]’ [illegible] [illegible], ‘[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible]?’ [illegible], [illegible] ‘[illegible]? [illegible]?’ [illegible] [illegible]. ‘[illegible], [illegible] [illegible] [illegible] [illegible], [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible]’ [illegible]. ‘[illegible], [illegible] [illegible] [illegible]’ [illegible] [illegible] [illegible]. [illegible] ‘[illegible] [illegible] [illegible] [illegible]?’ [illegible] [illegible] [illegible] [illegible], [illegible] ‘[illegible], [illegible] kvm [illegible]’ [illegible] [illegible] [illegible], ‘[illegible]’ [illegible] [illegible], ‘[illegible] [illegible] [illegible] [illegible] [illegible]’ [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

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$ mycommand [-abcd] [--all|--big|--cracking|--doors] arg1 [arg2]..
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$ man ls
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1) General Commands (□□□□□□□□ □□□□□□□□□□□□)
2) System Calls (□□□□□□□ □□□□□□□□□□□, C language □□ □□□□□□□□□□□□□□□□□)
3) Library Functions (□□□□□□□ □□□□□□□ □□□□□ C □□□□□□□□□□□)
4) Special Files (□□□□□□□□□□□ □□□□□□□□□□□□)
5) File formats and Conversions (□□□□□□□ □□□□□□□)

6) Games ([illegible] [illegible])
7) Miscellaneous ([illegible])
8) System Administration Commands ([illegible] [illegible])

[illegible], LS(1) [illegible], ls command, [illegible] 1, [illegible], General Commands [illegible] [illegible] [illegible] [illegible]. [illegible] useradd [illegible] [illegible] [illegible] [illegible] [illegible] USERADD(8) [illegible] [illegible],[illegible], [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] root [illegible] [illegible] [illegible] [illegible] [illegible]', [illegible] [illegible] [illegible] [illegible].

'[illegible], section(1) [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]?', [illegible] [illegible] [illegible], [illegible] [illegible],

```
$ ls /usr/share/man/man1
```

'[illegible] [illegible] [illegible] [illegible] [illegible] section(1) [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] man2, man3 [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] man -k [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]' [illegible] [illegible].

'[illegible] man -k ls [illegible] ls [illegible] [illegible] [illegible] [illegible], [illegible]?' [illegible] [illegible], [illegible] [illegible] '[illegible], [illegible], [illegible] ls [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] sections [illegible] [illegible],

1) NAME ([illegible] [illegible])
2) SYNOPSIS ([illegible] syntax)
3) DESCRIPTION ([illegible] [illegible] [illegible] [illegible])
4) RETURN VALUE ([illegible] [illegible] [illegible])
5) AUTHOR ([illegible] [illegible] [illegible])
6) SEE ALSO ([illegible] [illegible] [illegible] [illegible])

SYNPOSIS [illegible] [illegible] syntax [illegible], [illegible] syntax [illegible] [illegible] long & short options [illegible] DESCRIPTION section [illegible] [illegible] [illegible], RETURN VALUE [illegible] [illegible] [illegible] shell [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], AUTHOR [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]', [illegible] [illegible] [illegible] [illegible]. '[illegible], SEE ALSO [illegible] [illegible] [illegible]?', [illegible] [illegible], '[illegible] [illegible]. [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]' [illegible] [illegible].

'man [illegible] [illegible] [illegible]?' [illegible] [illegible], '[illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]' [illegible] [illegible]. '[illegible] [illegible] [illegible] [illegible] [illegible], man' [illegible] [illegible]. 'man [illegible] [illegible] [illegible], [illegible] [illegible], [illegible] man [illegible] [illegible] [illegible] [illegible] manual [illegible] [illegible] [illegible], man [illegible] [illegible] [illegible]? [illegible] [illegible] [illegible] [illegible] misogynist [illegible] [illegible]? [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]?' [illegible] [illegible] [illegible] [illegible]. '[illegible] [illegible], [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] unix [illegible] [illegible] [illegible] [illegible]', [illegible], '[illegible] [illegible] feminist [illegible] [illegible] [illegible] [illegible]

[illegible]? [illegible] misogynist, [illegible]? [illegible]?’ [illegible].

‘[illegible], [illegible]? [illegible]? [illegible]. [illegible]’, [illegible], ‘[illegible], [illegible], [illegible], [illegible], [illegible], [illegible]! [illegible] +2 [illegible], [illegible]. [illegible]. [illegible], [illegible]’ [illegible]. ‘[illegible], [illegible], [illegible]’ [illegible], ‘[illegible]’ [illegible].

‘[illegible], [illegible] feminist [illegible]’ [illegible]. ‘[illegible], feminist [illegible], [illegible], [illegible], [illegible], [illegible], [illegible]. [illegible]’ [illegible]. ‘[illegible], [illegible], [illegible] feminist [illegible]?’ [illegible], ‘[illegible] feminist [illegible], fake feminist [illegible], [illegible], [illegible], [illegible], [illegible], [illegible], [illegible] IT [illegible]. [illegible]. [illegible]’ [illegible] ‘[illegible]’ [illegible] ‘[illegible], [illegible], [illegible], [illegible], [illegible]?’. ‘[illegible], [illegible], [illegible]’ [illegible] ‘[illegible] femimist [illegible], [illegible], [illegible], [illegible], [illegible], [illegible]

[illegible]?' [illegible] '[illegible] misogynist, [illegible]. [illegible]', [illegible], '[illegible] feminist, [illegible]?', [illegible]. '[illegible], [illegible], [illegible]' [illegible].

'[illegible], [illegible], [illegible]' [illegible], '[illegible], [illegible]' [illegible].

[illegible]..

[illegible]

'[illegible]', [illegible]. [illegible]. 'feminist misogynist [illegible]? [illegible]', [illegible], '[illegible]?', [illegible], '[illegible] [illegible]?', [illegible].

'[illegible]?', [illegible], '[illegible]', [illegible]. '[illegible]', [illegible], '[illegible]?', [illegible]. '[illegible]', [illegible]. [illegible], '[illegible]?', [illegible], '[illegible]', [illegible].

'[illegible]', [illegible]. [illegible]. '[illegible], [illegible]?', [illegible], '[illegible]', [illegible]. [illegible].

'[illegible], [illegible]. [illegible]', [illegible]. '[illegible]', [illegible] '[illegible], [illegible]. [illegible], [illegible], [illegible]. [illegible]', [illegible]. '[illegible],

[illegible]

[illegible]

[illegible]

[illegible]

```
$ ls -l /dev/video0
crw-rw-r-- 1 root video 81, 0 Apr  5 01:40 /dev/video0
$
```

[illegible]

```
$ ls -ld /
drwxr-xr-x 17 root root 229 Dec 27 18:52 /
$
```

[illegible]

r-x

/

/home/karthika, "ls -ld /home/karthika"

"root root" "karthika karthika"

/home/karthika/test.txt

/

/boot, /proc, /dev, /etc, /home, /usr, /var, /tmp

/boot

/proc

proc

proc

/dev

devtmpfs

devtmpfs

/etc

/usr/bin

/usr/lib

/var log cache

/tmp

/home

[illegible]

[illegible]

[illegible]

[illegible]..

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] IIT [illegible]

IIT [illegible] 3, [illegible]

[illegible]

[illegible]

[illegible]

[illegible] IIT [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] cc [illegible] cc [illegible], [illegible] B.Sc., Computer Science [illegible] 'B.Sc.? [illegible]?' [illegible] 'M.Sc., Computer Science, [illegible] M.Sc. [illegible]' [illegible] '[illegible], [illegible] IIT [illegible] BE [illegible] ME [illegible]' [illegible] 'IIT [illegible], [illegible]' [illegible] '[illegible], [illegible] M.Sc.?' [illegible] 'B.Sc. [illegible] M.Sc. [illegible]' [illegible] '[illegible]? [illegible]?' [illegible] '[illegible] B.Sc. [illegible]' [illegible]. '[illegible] B.Sc. [illegible]?' [illegible] '"[illegible]? [illegible]" [illegible]

[illegible] B.Sc. [illegible], B.Sc. [illegible], M.Sc. [illegible] M.Sc. [illegible] C [illegible]

[illegible]

[illegible]

[illegible]

[illegible]..

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] mount, cd, ls, chmod [illegible] pwd, mkdir, rmdir, cp, mv, touch, stat, rm, chown, dh, du, find [illegible]

[illegible]

```
[karthika@karthikalaptop0 ~] $
```

[illegible] @ [illegible] @ [illegible] ~ [illegible] /home/karthika [illegible]

[illegible] pwd, [illegible] (full path) [illegible] pwd [illegible]

```
$ pwd
/home/karthika
$
```

[illegible] cd, [illegible] cd /home/karthika/Downloads [illegible] Downloads [illegible] cd /home/karthika/Downloads [illegible] /home/karthika/Downloads [illegible]

[illegible] (absolute path), [illegible] (relative path), [illegible] Downloads [illegible] cd /home/karthika/Downloads [illegible] cd Downloads [illegible] Downloads [illegible] /home/karthika/Downloads [illegible] cd [illegible] cd ~/Downloads [illegible] Downloads

[illegible] ~ [illegible], [illegible], [illegible].' [illegible].

```
$ cd /home/karthika/Downloads
$ pwd
/home/karthika/Downloads
$ cd ~
$ pwd
/home/karthika
$ cd Downloads
$ pwd
/home/karthika/Downloads
$ cd
$ pwd
/home/karthika
$ cd ~/Downloads
$ pwd
/home/karthika/Downloads
$ cd
$
```

'cd [illegible], [illegible] cd [illegible], [illegible] cd - [illegible], [illegible]' [illegible] '[illegible], cd [illegible]?' [illegible].

```
$ pwd
/home/karthika/Downloads
$ cd
$ pwd
/home/karthika
$ cd -
$ pwd
/home/karthika/Downloads
$ cd
$ pwd
/home/karthika
$
```

'[illegible] ls, [illegible]. [illegible] ls [illegible]. [illegible] ls -R [illegible], [illegible]. [illegible] ls -l [illegible], [illegible] ls [illegible], [illegible]. [illegible] ls -l ~/Downloads [illegible], [illegible], [illegible] /home/karthika [illegible] Downloads [illegible].' [illegible].

'[illegible], [illegible] -l [illegible], [illegible]' [illegible] '[illegible]' [illegible]

[illegible].

```
$ ls
Videos Documents Downloads
$ ls -R
Videos Documents Downloads
./Downloads:
test.txt
$ ls -l
drwxr-xr-x 2 karthika karthika 6 Sep 23 09:38 Videos
drwxr-xr-x 3 karthika karthika 21 Jul 10 12:06 Documents
drwxr-xr-x 3 karthika karthika 21 Jul 10 12:06 Downloads
$ ls -l Downloads
-rw-r--r-- 1 karthika karthika 11 Jul 17 01:25 test.txt
$
```

‘[illegible] mkdir, [illegible]. [illegible] mkdir -p one/two/three [illegible]. [illegible]?’ [illegible].

```
$ mkdir -p one/two/three
$ ls -R one
one:
two

one/two:
three

one/two/three:
$
```

‘[illegible] rmdir, [illegible]. [illegible] rmdir -p one/two/three [illegible] three [illegible] two [illegible] one [illegible]. [illegible] rmdir [illegible]’ [illegible] ‘[illegible]’ [illegible].

```
$ rmdir -p one/two/three
$ ls -R one
ls: cannot access 'one': No such file or directory
$
```

‘[illegible] cp, [illegible]. [illegible]

```
$ cp /etc/fstab /home/karthika/fstab
$
```

[illegible] /etc [illegible] fstab [illegible] /home/karthika [illegible]

```
$ cp -r /etc /home/karthika/etc
$
```

[illegible] /etc [illegible] /home/karthika [illegible]

[illegible]’ [illegible].

‘[illegible] mv, [illegible]. [illegible],

```
$ mv /home/karthika/one.txt /home/karthika/two.txt
$
```

[illegible] one.txt [illegible] two.txt [illegible], [illegible]

```
$ mv /home/karthika/two.txt /home/karthika/Downloads/
$
```

[illegible] two.txt [illegible] Downloads [illegible]’ [illegible].

‘[illegible] touch, [illegible], [illegible].

```
$ touch -d 1900-01-01 /home/karthika/emptyfile.txt
$
```

[illegible] emptyfile.txt [illegible] 1900-01-01 [illegible], [illegible]’ [illegible] ‘[illegible]’ [illegible].

‘[illegible] stat, [illegible].

```
$ stat /home/karthika
  File: /home/karthika
  Size: 4096 Blocks: 8 IO Block: 4096 directory
Device: 254,0 Inode: 269123004 Links: 21
Access: (0710/drwx--x---) Uid: ( 1000/ karthika) Gid: ( 1000/
karthika)
Access: 2021-11-05 04:48:07.031256486 +0530
Modify: 2021-11-05 18:18:12.595115460 +0530
Change: 2021-11-05 18:18:12.595115460 +0530
 Birth: 2021-09-23 09:06:54.099246949 +0530
$
```

[illegible], [illegible], [illegible], [illegible], [illegible], [illegible]’ [illegible].

‘[illegible] rm, [illegible], [illegible].

```
$ rm /home/karthika/emptyfile.txt
$
```

[illegible] emptyfile.txt [illegible].

```
$ rm -fr /home/karthika
$
```

□□□□□□□□ □□□□□□□□□ □□□□□□□□ □□□□□□□ □□□□ □□□□□□□□□□ □□□□□□□□□□□’ □□□□□□□□□□□ □□□ ‘□□□□□□□□□□

```
$ rm -fr /
$
```

□□□□□□□□ □□□□□□□□□□ □□□□□□□□ □□□□□□□□□ □□□□ □□□□□□□□□□□□ □□□□□□□□□□□’ □□□□ □□□ ‘□□□□□□□□ rm □□□□ □□□□□ –no-preserve-root □□□□□ □□□□□□□□□□□□□□□ □□□□ □□□□□□□□□□ □□□□□□□□□ □□□□□□□ □□□□ □□□□□□□□□□ □□□□□□□□□□□□□ □□□□□□□□□□□□□□?’ □□□□□□□□□□ □□□ ‘□□□□ □□□□ □□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□ □□□□□□□ □□□□□□□□’ □□□□□ □□□□ □□□□ □□□□□□□□□□□□□.

‘□□□□□□□□ chmod, □□□ □□□□□ □□□□□□□□ □□□□□□ □□□□□□□ □□□ □□□□ □□□□□□□ □□□□□□□□□ □□□□□□□□□ □□□□□□□ □□□□□□ □□□□□□□. □□□□ □□□□□□□□□□□□□

```
$ chmod u+rwx,g+rx,o+rx /home/karthika/emptyfile.txt
$
```

□□□□□□□□, emptyfile.txt □□□□□ □□□□□ (u) □□□□□□□□ □□□□□□□ (r), □□□□ (w) □□□□□□□□ □□□□□□□□□□□□ (x) □□□□□□□□□□□□ (+), □□□□□□□□ emptyfile.txt □□□□□ □□□□□□ □□□□□□□□ □□□□□□□ (r), □□□□□□□□□□□□ (x) □□□□□□□□□□□□ (+), □□□ □□□ □□□□□□□□□□□□□□□ (o) □□□□□□ (r) □□□□□□□ □□□□□□□□□□□□ (x) □□□□□□□□□□□□□. □□□□ (+) □□□□□□□□□□□ □□□□□ (-) □□□□□□□□ □□□□□□□ □□□□□□□ □□□□□□□□□□□□□□. □□□□□□ ugo+-rwx □□□□□□□□□□□ □□□□□□□□□□□□□□□□□□ □□□□□ □□□ □□□□□□□□

```
$ chmod 755 /home/karthika/emptyfile.txt
$
```

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‘□□□□□□□□ chown, □□□ □□□ □□□□ □□□□□□□ □□□□□□□□□ □□□□ □□□□□□ □□□□□□□ □□□□□□□ □□□□ □□□□ □□□□□□□, □□□□ □□□□□□□□□□□□□

```
$ chown karthika:karthika /tmp/rootfile.txt
$
```

□□□□□□□□ /tmp/rootfile.txt □□□□□ □□□□ karthika □□□□□ □□□□□□□ karthika □□□□□□□□□□□ □□□□□□□□□□□. □□□□□□□□?’ □□□□□□□□□□□ □□□□□□ ‘□□□□□□□□, □□□ □□□□□□□□ □□□□□□□

```
$ chmod -R karthika:karthika /home/karthika
$
```

□□□□□□□□ /home/karthika □□□□□□□□ □□□□□□□□□ □□□□□□□ □□□□□□□□ □□□□ □□□□□□□□□□ □□□□□□ □□□□ □□□□□□ □□□□□□□□□ □□□□□□ □□□□□□□□ □□□□□□□□ karthika □□□□□□□□□□□□ karthika □□□□□□□□□□□□□□□□ □□□□□□□□□□□’ □□□□ □□□□□□□□□□ □□□□□□□□□.

‘□□□□□□□□ dh, □□□□□ □□□□□□□□ □□□□□ □□□□□□□□□□□ □□□□ □□□□□□□□□□□□ □□□□□□□□□ □□□□□□□□□□□ □□□□□□□ □□□□□□□□□’ □□□□□□□□□□□ □□□ ‘□□□□□□□□□□ df -h □□□□□□□□

[illegible](G)/[illegible](M)/[illegible](K) [illegible]' [illegible].

```
$ df -h
Filesystem Size Used Avail Use% Mounted on
dev 3.9G 0 3.9G 0% /dev
run 3.9G 1.4M 3.9G 1% /run
/dev/sda2 239G 171G 68G 72% /
tmpfs 3.9G 728K 3.9G 1% /dev/shm
tmpfs 3.9G 16K 3.9G 1% /tmp
/dev/sda1 250M 73M 178M 30% /boot
tmpfs 784M 88K 784M 1% /run/user/1000
$
```

'[illegible] du, [illegible], [illegible]

```
$ du -sh .
637M .
$
```

[illegible]' [illegible].

'[illegible] mount [illegible], [illegible]' [illegible].

```
$ mount
proc on /proc type proc (rw,relatime)
sysfs on /sys type sysfs (rw,relatime)
dev on /dev type devtmpfs
(rw,relatime,size=500092k,nr_inodes=125023,mode=755)
/dev/sda1 on / type ext4 (rw,relatime)
tmpfs on /rwroot type tmpfs (rw,relatime,size=10088960k)
tmpfs on /dev/shm type tmpfs (rw,nosuid,nodev)
devpts on /dev/pts type devpts
(rw,nosuid,noexec,relatime,gid=5,mode=620,ptmxmode=000)
tmpfs on /run type tmpfs (rw,nosuid,nodev,mode=755)
tmpfs on /sys/fs/cgroup type tmpfs (ro,nosuid,nodev,noexec,mode=755)
cgroup on /sys/fs/cgroup/systemd type cgroup
(rw,nosuid,nodev,noexec,relatime,xattr,name=systemd)
cgroup on /sys/fs/cgroup/net_cls,net_prio type cgroup
(rw,nosuid,nodev,noexec,relatime,net_cls,net_prio)
tmpfs on /tmp type tmpfs (rw,nosuid,nodev)
$
```

'[illegible] find, [illegible], [illegible]' [illegible] '[illegible], find [illegible], [illegible]

```
$ find . -mtime +730
/home/karthika/emptyfile.txt
$
```

[illegible]

[illegible] touch [illegible] emptyfile.txt [illegible] 1900-01-01 [illegible], [illegible] find [illegible].

[illegible]

[illegible]

[illegible]

[illegible]..

[illegible]

[illegible]. ‘[illegible]?’ [illegible] ‘[illegible], [illegible]. [illegible], [illegible]?’ [illegible] ‘[illegible]. [illegible]’ [illegible] ‘[illegible], [illegible] C [illegible]?’ [illegible] ‘[illegible], C [illegible], [illegible] C [illegible]’ [illegible] ‘[illegible] C [illegible]?’ [illegible] ‘[illegible], [illegible]’ [illegible] ‘[illegible]’ [illegible] ‘[illegible] (TurboC), [illegible] (TCC) [illegible] (TC) [illegible], [illegible], [illegible]->[illegible], [illegible] C [illegible] (alt-f9) [illegible], [illegible] (ctrl-f9) [illegible]’ [illegible]. ‘[illegible], [illegible], [illegible]?’ [illegible] ‘[illegible]’ [illegible] ‘[illegible], [illegible] (TurboC) [illegible], [illegible] (IDE) [illegible], [illegible], [illegible] (alt-f9) [illegible]. [illegible] C [illegible], [illegible]. [illegible] C [illegible]’ [illegible]. ‘[illegible] C [illegible]?’ [illegible] ‘[illegible], [illegible]?’ [illegible], ‘[illegible]’ [illegible].

‘[illegible]’ [illegible] (xed) [illegible]. ‘[illegible] C [illegible]’ [illegible]. [illegible]. ‘/home/karthika/helloworld.txt [illegible]’ [illegible] ‘[illegible] .txt [illegible] .c [illegible]’ [illegible] ‘[illegible], [illegible], C [illegible] .c [illegible], [illegible]’ [illegible] helloworld.txt [illegible] helloworld.c [illegible] mv [illegible]. ‘[illegible] C [illegible] .txt [illegible] .c [illegible], [illegible]

[illegible] .txt [illegible] ?’ [illegible] C [illegible] .txt [illegible] .c [illegible]’ [illegible]. ‘[illegible], [illegible] /home/karthika/helloworld.c [illegible] ?’ [illegible] C [illegible]. [illegible] ?’ [illegible] apt [illegible] apt update [illegible] apt full-upgrade [illegible]’ [illegible] ‘[illegible], [illegible] apt [illegible] gcc [illegible]’ [illegible] apt install gcc [illegible] gcc [illegible]. ‘[illegible], gcc [illegible] packaging-dev [illegible], [illegible], [illegible], gcc [illegible] packaging-dev [illegible]’ [illegible] apt install packaging-dev [illegible]. ‘[illegible] C [illegible] gcc, [illegible] gnu-compiler-collection, [illegible] C [illegible], [illegible], [illegible]’ [illegible]. ‘[illegible], [illegible]? [illegible], [illegible]’ [illegible].

‘[illegible] gcc [illegible]?’ [illegible] command not found [illegible]’ [illegible] ‘[illegible]’ [illegible] ‘[illegible]’ [illegible] ‘[illegible], [illegible]. [illegible]’ [illegible] type [illegible]. ‘[illegible], [illegible] type [illegible]?’ [illegible] ‘[illegible] man [illegible]’ [illegible] man type [illegible],[illegible] type [illegible]. ‘[illegible], [illegible]?’ [illegible] ‘[illegible], [illegible] type –help [illegible]’ [illegible]. type [illegible]. [illegible]. ‘[illegible] –help [illegible] -h [illegible], [illegible], [illegible]’ [illegible]. [illegible] type –help [illegible] type gcc [illegible], [illegible] gcc [illegible] /usr/bin/gcc [illegible] type [illegible]. ‘[illegible]’ [illegible] ‘[illegible]’ [illegible].

‘[illegible] gcc [illegible]?’ [illegible] ‘gcc –help [illegible]’ [illegible], ‘[illegible]

[illegible]’ [illegible] ‘[illegible]?’ [illegible] ‘man gcc [illegible] gcc [illegible]’ [illegible] gcc [illegible]. ‘[illegible], SYNOPSIS [illegible]?’ [illegible] ‘[illegible], [illegible]?’ [illegible] gcc helloworld.c [illegible]. ‘[illegible] conio.h [illegible]?’ [illegible] ‘[illegible]?’ [illegible] cat [illegible] gcc [illegible],

```
$ cat helloworld.c
#include <stdio.h>
#include <conio.h>
main() {
       printf("hello world\n");
       getch();
}
$ gcc helloworld.c
helloworld.c:2:10: fatal error: conio.h: No such file or directory
    2 | #include <conio.h>
      |          ^~~~~~~~~
compilation terminated.
$
```

‘conio.h [illegible], [illegible], [illegible] C [illegible]’ [illegible]. ‘[illegible]?’ [illegible] ‘[illegible]’ [illegible]. [illegible] #include <conio.h> [illegible] gcc helloworld.c [illegible]. ‘[illegible], [illegible]?’ [illegible],

```
$ cat helloworld.c
#include <stdio.h>
main() {
       printf("hello world\n");
       getch();
}
$ gcc helloworld.c
helloworld.c:3:1: warning: return type defaults to ‘int’ [-Wimplicit-
int]
    3 | main() {
      | ^~~~
helloworld.c: In function ‘main’:
helloworld.c:5:5: warning: implicit declaration of function ‘getch’;
did you mean ‘getc’? [-Wimplicit-function-declaration]
    5 |     getch();
      |     ^~~~~
      |     getc
/usr/bin/ld: /tmp/ccYcaeAk.o: in function `main':
helloworld.c:(.text+0x1a): undefined reference to `getch'
collect2: error: ld returned 1 exit status
$
```

‘[illegible], [illegible] main [illegible] int [illegible], [illegible] return 0 [illegible], [illegible], getch() [illegible], [illegible], getch() [illegible]’ [illegible]. ‘[illegible] main [illegible] int [illegible] return 0; [illegible], [illegible] getch() [illegible]?’ [illegible] ‘[illegible]’ [illegible]. [illegible],

```
$ cat helloworld.c
#include <stdio.h>
int main() {
    printf("hello world\n");
    return 0;
}
```

‘[illegible]?’ [illegible], ‘[illegible], [illegible]’ [illegible] gcc helloworld.c [illegible]. ‘[illegible]?’ [illegible],

```
$ gcc helloworld.c
$
```

‘[illegible]. [illegible]’ [illegible]. ‘[illegible]?’ [illegible] ‘[illegible], [illegible], [illegible]?’ [illegible] ‘[illegible] C [illegible], gcc [illegible]’ [illegible] ‘[illegible]?’ [illegible] ‘[illegible], [illegible], [illegible] gcc’ [illegible] ‘[illegible], [illegible]?’ [illegible] ‘[illegible], [illegible]’ [illegible] ‘[illegible], [illegible]?’ [illegible] ‘[illegible], [illegible], [illegible]’ [illegible] ‘[illegible]?’ [illegible] ‘[illegible] gcc [illegible]’ [illegible] ls [illegible] ‘a.out [illegible]? [illegible]?’ [illegible] ‘[illegible]?’ [illegible] ‘[illegible]’ [illegible] file [illegible]. file [illegible]. [illegible] file a.out [illegible],

```
$ file a.out
a.out: ELF 64-bit LSB shared object, x86-64, version 1 (SYSV),
dynamically linked, interpreter /lib64/ld-linux-x86-64.so.2,
BuildID[sha1]=919cf3edae2aaeb8d4524a529938be39c6304ff0, for GNU/Linux
3.2.0, not stripped
$
```

‘[illegible]’ [illegible] ‘[illegible], [illegible] ELF [illegible], [illegible] a.out [illegible] ELF [illegible], [illegible], [illegible] a.out [illegible]’ [illegible] a.out [illegible],

```
$ a.out
bash: a.out: command not found
$
```

‘[illegible], [illegible]?’ [illegible] ‘a.out [illegible], bash [illegible], [illegible]?’ [illegible] ‘[illegible], [illegible] PATH [illegible]’ [illegible] ‘[illegible], [illegible] a.out [illegible]’ [illegible] ‘[illegible], [illegible]’ [illegible] a.out [illegible].

```
$ /home/karthika/a.out
hello world
$
```

‘[illegible]’ [illegible]. ‘[illegible]?’ [illegible] ‘[illegible]’ [illegible]. [illegible]. ‘[illegible] C [illegible]?’ [illegible] ‘[illegible], [illegible] ELF [illegible], [illegible] type [illegible]. type [illegible] PATH [illegible]’ [illegible]. ‘[illegible], [illegible] /home/karthika/a.out [illegible], [illegible]?’ [illegible] ‘[illegible], hello world [illegible]. [illegible] C [illegible]?’ [illegible] ‘[illegible]?’ [illegible] ‘a.out [illegible], [illegible] hello world [illegible], [illegible] hello world [illegible], [illegible]?’ [illegible] ‘[illegible] a.out [illegible]?’ [illegible] ‘[illegible], [illegible]’ [illegible] ‘[illegible]’ [illegible].

‘[illegible] /home/karthika/a.out [illegible] a.out [illegible], [illegible]

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```
#include <stdio.h>

int main() {
    getpid();
    printf("hello world\n");
    return 0;
}
```

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```
$ cat helloworld.c
#include <stdio.h>
#include <unistd.h>

int main() {
    pid_t pid;
    pid_t ppid;

    pid = getpid();
    ppid = getppid();
    printf("hello world\n");
    printf("pid: %d\n", pid);
    printf("ppid: %d\n", ppid);
    return 0;
}
$ gcc helloworld.c
$ /home/karthika/a.out
```

```
hello world
pid: 9810
ppid: 8300
$
```

‘□□□□ cat /proc/9810/status □□□□□□□ □□□ □□□□□ a.out □□□□□□□ □□□ □□□□□□□□□□□ □□□□□ □□□□□□□?’ □□□□□□□□□□ □□□□□ ‘□□□ □□□□□□□ □□□□□□□’ □□□□□ □□□□ □□□ □□□□□□□□□□ □□□□ cat /proc/9810/status □□□□□ □□□□ □□□□□□ □□□□□□ □□□□□□□□□□,

```
$ cat /proc/9810/status
cat /proc/9810/status: No such file or directory
$
```

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```
$ cat /proc/8300/status
Name:         bash
Umask:        0002
State:        S (sleeping)
Tgid:         8300
Ngid:         0
Pid: 8300
PPid:         8293
TracerPid:    0
Uid: 1000     1000    1000    1000
Gid: 1000     1000    1000    1000
FDSize:       256
Groups:       4 24 27 30 46 114 134 1000
NStgid:       8300
NSpid:        8300
NSpgid:       8300
NSsid:        8300
VmPeak:          10980 kB
VmSize:          10980 kB
VmLck:               0 kB
VmPin:               0 kB
VmHWM:            5392 kB
VmRSS:            5392 kB
RssAnon:          1724 kB
RssFile:          3668 kB
RssShmem:            0 kB
VmData:           1708 kB
VmStk:             132 kB
VmExe:             888 kB
VmLib:            1564 kB
VmPTE:              52 kB
VmSwap:              0 kB
HugetlbPages:                0 kB
CoreDumping: 0
THP_enabled: 1
Threads:      1
SigQ:         0/7587
SigPnd:       0000000000000000
```

```
ShdPnd:      0000000000000000
SigBlk:      0000000000010000
SigIgn:      0000000000380004
SigCgt:      000000004b817efb
CapInh:      0000000000000000
CapPrm:      0000000000000000
CapEff:      0000000000000000
CapBnd:      0000003fffffffff
CapAmb:      0000000000000000
NoNewPrivs:  0
Seccomp:     0
Speculation_Store_Bypass:    vulnerable
Cpus_allowed:        3
Cpus_allowed_list:   0-1
Mems_allowed:        00000000,00000000
Mems_allowed_list:   0
voluntary_ctxt_switches:     512
nonvoluntary_ctxt_switches:  529
$
```

‘[illegible] bash [illegible], [illegible], [illegible]’ [illegible] ‘[illegible], [illegible], [illegible], [illegible], [illegible]?’ [illegible] ‘[illegible], [illegible], bash [illegible] ppid [illegible], [illegible] pid [illegible]?’ [illegible] ‘[illegible]’ [illegible] ‘[illegible] ppid [illegible], [illegible]?’ [illegible] ‘[illegible], [illegible] ppid [illegible] cat /proc/1/status [illegible]’ [illegible] cat /proc/1/status [illegible], ‘systemd? [illegible]?’ [illegible] ‘[illegible], [illegible], [illegible]. pid 1 [illegible]. [illegible]?’ [illegible] ‘[illegible] systemd [illegible]’ [illegible] type systemd [illegible] /bin/systemd [illegible], ‘[illegible] sudo ls /proc/1/exe [illegible]’ [illegible],

```
$ sudo ls -l /proc/1/exe
lrwxrwxrwx 1 root root 0 Mar 28 04:03 /proc/1/exe ->
/lib/systemd/systemd
$
```

‘[illegible], [illegible] pid 1 [illegible] /lib/systemd/systemd [illegible]?’ [illegible] ‘[illegible]’ [illegible]. [illegible] ls -l /proc/1 [illegible] ‘[illegible] pid 1 [illegible]?’ [illegible] ‘[illegible], [illegible]’ [illegible].

‘[illegible], [illegible], [illegible], [illegible]

[illegible]

[illegible] 30 [illegible] 16 [illegible]

[illegible]

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```
$ ps
    PID TTY          TIME CMD
  15301 pts/8    00:00:00 bash
  15524 pts/8    00:00:00 ps
$
```

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```
$ ps x

    PID TTY      STAT   TIME COMMAND
    832 ?        Ss     0:00 /usr/lib/systemd/systemd --user
    833 ?        S      0:00 (sd-pam)
    843 ?        Sl     0:00 /usr/bin/gnome-keyring-daemon --daemonize
--login
    847 tty2     Ssl+   0:00 /usr/lib/gdm-wayland-session
/usr/bin/gnome-session
    849 ?        Ss     0:03 /usr/bin/dbus-daemon --session --
address=systemd: --nofork --nopidfile --systemd-activation --syslog-
only
    851 tty2     Sl+    0:00 /usr/lib/gnome-session-binary
    877 ?        Ssl    0:00 /usr/lib/gnome-session-ctl --monitor
    879 ?        Ssl    0:01 /usr/lib/gnome-session-binary --systemd-
service --session=gnome
    894 ?        Rsl   32:46 /usr/bin/gnome-shell
    905 ?        Ssl    0:00 /usr/lib/gvfsd
    910 ?        Sl     0:00 /usr/lib/gvfsd-fuse /run/user/1000/gvfs -
f
    917 ?        Ssl    0:00 /usr/lib/at-spi-bus-launcher
    923 ?        S      0:00 /usr/bin/dbus-daemon
--config-file=/usr/share/defaults/at-spi2/accessibility.conf --nofork
--print-address 3
    951 ?        Ssl    0:00 /usr/lib/xdg-permission-store
    957 ?        Sl     0:00 /usr/lib/gnome-shell-calendar-server
    964 ?        Ssl    0:00 /usr/lib/evolution-source-registry
    965 ?        S<sl  27:30 /usr/bin/pulseaudio --daemonize=no --log-
target=journal
    971 ?        Sl     0:00 /usr/lib/goa-daemon
    972 ?        Ssl    0:00 /usr/lib/gvfs-udisks2-volume-monitor
    978 ?        Ssl    0:00 /usr/lib/evolution-calendar-factory
   1002 ?        Sl     0:00 /usr/lib/pulse/gsettings-helper
   1027 ?        Sl     0:00 /usr/lib/goa-identity-service
   1028 ?        Ssl    0:00 /usr/lib/gvfs-mtp-volume-monitor
   1038 ?        Ssl    0:00 /usr/lib/dconf-service
   1039 ?        Ssl    0:00 /usr/lib/gvfs-gphoto2-volume-monitor
   1046 ?        Ssl    0:00 /usr/lib/evolution-addressbook-factory
   1050 ?        Ssl    0:00 /usr/lib/gvfs-goa-volume-monitor
   1056 ?        Ssl    0:01 /usr/lib/gvfs-afc-volume-monitor
   1071 ?        Sl     0:00 /usr/bin/gjs
/usr/share/gnome-shell/org.gnome.Shell.Notifications
   1073 ?        Sl     0:00 /usr/lib/at-spi2-registryd --use-gnome-
session
   1084 ?        Ssl    0:00 /usr/lib/gsd-a11y-settings
```

```
   1085 ?        Ssl    0:00 /usr/lib/gsd-color
   1087 ?        Ssl    0:00 /usr/lib/gsd-datetime
   1089 ?        Ssl    0:01 /usr/lib/gsd-housekeeping
   1090 ?        Ssl    0:00 /usr/lib/gsd-keyboard
   1091 ?        Ssl    0:01 /usr/lib/gsd-media-keys
   1092 ?        Ssl    0:00 /usr/lib/gsd-power
   1093 ?        Ssl    0:00 /usr/lib/gsd-print-notifications
   1096 ?        Ssl    0:00 /usr/lib/gsd-rfkill
   1097 ?        Ssl    0:00 /usr/lib/gsd-screensaver-proxy
   1098 ?        Ssl    0:00 /usr/lib/gsd-sharing
   1099 ?        Ssl    0:00 /usr/lib/gsd-smartcard
   1103 ?        Ssl    0:00 /usr/lib/gsd-sound
   1107 ?        Ssl    0:00 /usr/lib/gsd-usb-protection
   1113 ?        Ssl    0:00 /usr/lib/gsd-wacom
   1118 ?        Sl     0:00 /usr/lib/evolution-data-server/evolution-
alarm-notify
   1137 ?        Sl     0:00 /usr/lib/gsd-disk-utility-notify
   1178 ?        Sl     0:00 /usr/bin/gjs
/usr/share/gnome-shell/org.gnome.ScreenSaver
   1181 ?        Sl     0:00 /usr/lib/gsd-printer
   1264 ?        Ssl    1:33 /usr/lib/gnome-terminal-server
   1314 ?        Sl   106:13 /usr/lib/firefox/firefox
   1364 ?        Sl     0:00 /usr/lib/firefox/firefox -contentproc -
parentBuildID 20210923165649 -prefsLen 1 -prefMapSize 246833 -
appdir /usr/lib/firefox/browser 1314 true socket
   1434 ?        Sl     2:20 /usr/lib/firefox/firefox -contentproc -
childID 2 -isForBrowser -prefsLen 5043 -prefMapSize 246833 -jsInit
285716 -parentBuildID 20210923165649 -appdir /usr/lib/firefox/browser
1314 true tab
   1501 ?        Sl    39:07 /usr/lib/firefox/firefox -contentproc -
childID 3 -isForBrowser -prefsLen 5838 -prefMapSize 246833 -jsInit
285716 -parentBuildID 20210923165649 -appdir /usr/lib/firefox/browser
1314 true tab
   1532 ?        Sl    37:49 /usr/lib/firefox/firefox -contentproc -
childID 4 -isForBrowser -prefsLen 7235 -prefMapSize 246833 -jsInit
285716 -parentBuildID 20210923165649 -appdir /usr/lib/firefox/browser
1314 true tab
   1586 ?        Sl     0:00 /usr/lib/firefox/firefox -contentproc -
parentBuildID 20210923165649 -prefsLen 8441 -prefMapSize 246833 -
appdir /usr/lib/firefox/browser 1314 true rdd
   1661 ?        Sl     0:29 /usr/lib/firefox/firefox -contentproc -
childID 6 -isForBrowser -prefsLen 8515 -prefMapSize 246833 -jsInit
285716 -parentBuildID 20210923165649 -appdir /usr/lib/firefox/browser
1314 true tab
   1736 ?        Ssl    0:00 /usr/lib/gvfsd-metadata
   2918 ?        S      0:00 /usr/bin/ssh-agent -D -a
/run/user/1000/keyring/.ssh
   2922 ?        Ss     0:00 /usr/lib/systemd/systemd --user
   2923 ?        S      0:00 (sd-pam)
   3060 ?        Sl     1:06 /usr/bin/Xwayland :0 -rootless -noreset -
accessx -core -auth /run/user/1000/.mutter-Xwaylandauth.Z0BOC1 -
listenfd 4 -listenfd 5 -displayfd 6 -initfd 7
   3064 ?        Sl     1:55 ibus-daemon --panel disable -r --xim
   3066 ?        Ssl    0:01 /usr/lib/gsd-xsettings
   3072 ?        Sl     0:00 /usr/lib/ibus/ibus-dconf
```

```
   3073 ?        Sl     0:23 /usr/lib/ibus/ibus-extension-gtk3
   3075 ?        Sl     0:23 /usr/lib/ibus/ibus-x11 --kill-daemon
   3081 ?        Sl     0:04 /usr/lib/ibus/ibus-portal
   3103 ?        Sl     0:21 /usr/lib/ibus/ibus-engine-simple
   3142 ?        Sl     0:13 /usr/lib/ibus/ibus-engine-m17n --ibus
   3202 ?        Sl     0:00 /usr/bin/gnome-calendar --gapplication-
service
   3208 ?        Sl     0:11 /usr/bin/gnome-software --gapplication-
service
   3244 ?        Sl     0:00 /usr/lib/gvfsd-trash --spawner :1.16
/org/gtk/gvfs/exec_spaw/0
   3285 ?        SNsl   0:01 /usr/lib/tracker-miner-fs-3
  12166 ?        Sl    39:01 /usr/lib/firefox/firefox -contentproc -
childID 33 -isForBrowser -prefsLen 9824 -prefMapSize 246833 -jsInit
285716 -parentBuildID 20210923165649 -appdir /usr/lib/firefox/browser
1314 true tab
  12972 ?        Sl     0:00 /usr/lib/firefox/firefox -contentproc -
childID 35 -isForBrowser -prefsLen 9824 -prefMapSize 246833 -jsInit
285716 -parentBuildID 20210923165649 -appdir /usr/lib/firefox/browser
1314 true tab
  15301 pts/8    Ss     0:00 -bash
  15555 pts/8    R+     0:00 ps x
$
```

[illegible] a [illegible]

```
$ ps a
    PID TTY      STAT   TIME COMMAND
    847 tty2     Ssl+   0:00 /usr/lib/gdm-wayland-session
/usr/bin/gnome-session
    851 tty2     Sl+    0:00 /usr/lib/gnome-session-binary
   4865 pts/0    Ss     0:00 -bash
  16630 pts/0    R+     0:00 ps a
$
```

[illegible] ax [illegible]

```
$ ps ax
    PID TTY      STAT   TIME COMMAND
      1 ?        Ss     0:01 /sbin/init
      2 ?        S      0:00 [kthreadd]
      3 ?        I<     0:00 [rcu_gp]
      4 ?        I<     0:00 [rcu_par_gp]
      6 ?        I<     0:00 [kworker/0:0H-events_highpri]
      8 ?        I<     0:00 [mm_percpu_wq]
     10 ?        S      0:00 [rcu_tasks_kthre]
     11 ?        S      0:00 [rcu_tasks_rude_]
     12 ?        S      0:00 [rcu_tasks_trace]
     13 ?        S      0:05 [ksoftirqd/0]
     14 ?        I      0:16 [rcu_preempt]
     15 ?        S      0:00 [rcub/0]
     16 ?        S      0:00 [rcuc/0]
     17 ?        S      0:00 [migration/0]
     18 ?        S      0:00 [idle_inject/0]
```

```
   20 ?        S      0:00 [cpuhp/0]
   21 ?        S      0:00 [cpuhp/1]
   22 ?        S      0:00 [idle_inject/1]
   23 ?        S      0:00 [migration/1]
   24 ?        S      0:00 [rcuc/1]
   25 ?        S      0:02 [ksoftirqd/1]
   27 ?        I<     0:00 [kworker/1:0H-events_highpri]
   28 ?        S      0:00 [cpuhp/2]
   29 ?        S      0:00 [idle_inject/2]
   30 ?        S      0:00 [migration/2]
   31 ?        S      0:00 [rcuc/2]
   32 ?        S      0:02 [ksoftirqd/2]
   34 ?        I<     0:00 [kworker/2:0H-kblockd]
   35 ?        S      0:00 [cpuhp/3]
   36 ?        S      0:00 [idle_inject/3]
   37 ?        S      0:00 [migration/3]
   38 ?        S      0:00 [rcuc/3]
   39 ?        S      0:01 [ksoftirqd/3]
   41 ?        I<     0:00 [kworker/3:0H-events_highpri]
   42 ?        S      0:00 [kdevtmpfs]
   43 ?        I<     0:00 [netns]
   44 ?        I<     0:00 [inet_frag_wq]
   45 ?        S      0:00 [kauditd]
   46 ?        S      0:00 [khungtaskd]
   47 ?        S      0:00 [oom_reaper]
   48 ?        I<     0:00 [writeback]
   49 ?        S      0:04 [kcompactd0]
   50 ?        SN     0:00 [ksmd]
   51 ?        SN     0:00 [khugepaged]
   71 ?        I<     0:00 [kintegrityd]
   72 ?        I<     0:00 [kblockd]
   73 ?        I<     0:00 [blkcg_punt_bio]
   74 ?        I<     0:00 [ata_sff]
   75 ?        I<     0:00 [edac-poller]
   76 ?        I<     0:00 [devfreq_wq]
   77 ?        S      0:00 [watchdogd]
   79 ?        I<     0:04 [kworker/1:1H-events_highpri]
   80 ?        S      0:09 [kswapd0]
   83 ?        I<     0:00 [kthrotld]
   85 ?        I<     0:00 [acpi_thermal_pm]
   86 ?        I<     0:00 [nvme-wq]
   87 ?        I<     0:00 [nvme-reset-wq]
   88 ?        I<     0:00 [nvme-delete-wq]
   90 ?        S      0:00 [scsi_eh_0]
   91 ?        I<     0:00 [scsi_tmf_0]
   92 ?        S      0:00 [scsi_eh_1]
   93 ?        I<     0:00 [scsi_tmf_1]
   94 ?        S      0:00 [scsi_eh_2]
   95 ?        I<     0:00 [scsi_tmf_2]
   96 ?        S      0:00 [scsi_eh_3]
   97 ?        I<     0:00 [scsi_tmf_3]
   98 ?        S      0:00 [scsi_eh_4]
   99 ?        I<     0:00 [scsi_tmf_4]
  100 ?        S      0:00 [scsi_eh_5]
  101 ?        I<     0:00 [scsi_tmf_5]
```

```
    108 ?        I<     0:00 [kstrp]
    114 ?        I<     0:00 [zswap1]
    115 ?        I<     0:00 [zswap1]
    116 ?        I<     0:00 [zswap-shrink]
    118 ?        I<     0:00 [charger_manager]
    121 ?        I<     0:04 [kworker/2:1H-events_highpri]
    134 ?        I<     0:04 [kworker/0:1H-events_highpri]
    152 ?        I<     0:03 [kworker/3:1H-events_highpri]
    164 ?        I<     0:00 [sdhci]
    170 ?        I<     0:00 [kdmflush]
    182 ?        I<     0:00 [xfsalloc]
    183 ?        I<     0:00 [xfs_mru_cache]
    184 ?        I<     0:00 [xfs-buf/dm-0]
    185 ?        I<     0:00 [xfs-conv/dm-0]
    186 ?        I<     0:00 [xfs-cil/dm-0]
    187 ?        I<     0:00 [xfs-reclaim/dm-]
    188 ?        I<     0:00 [xfs-gc/dm-0]
    189 ?        I<     0:00 [xfs-log/dm-0]
    190 ?        S      0:06 [xfsaild/dm-0]
    226 ?        Ss     0:01 /usr/lib/systemd/systemd-journald
    240 ?        Ss     0:00 /usr/lib/systemd/systemd-udevd
    247 ?        Ssl    0:00 /usr/lib/systemd/systemd-networkd
    275 ?        I<     0:00 [tpm_dev_wq]
    290 ?        I<     0:00 [ktpacpid]
    300 ?        I<     0:00 [wg-crypt-wg4000]
    308 ?        I<     0:00 [cfg80211]
    313 ?        I<     0:00 [cryptd]
    319 ?        Ss     0:03 /usr/lib/systemd/systemd-resolved
    320 ?        Ssl    0:00 /usr/lib/systemd/systemd-timesyncd
    327 ?        S      0:22 [irq/27-iwlwifi]
    344 ?        Ss     0:01 /usr/bin/dbus-daemon --system --
address=systemd: --nofork --nopidfile --systemd-activation --syslog-
only
    349 ?        Ss     0:00 /usr/lib/iwd/iwd
    354 ?        Ss     0:00 /usr/lib/systemd/systemd-logind
    355 ?        Ss     0:00 /usr/lib/systemd/systemd-machined
    367 ?        S      0:00 [card0-crtc0]
    368 ?        S      0:00 [card0-crtc1]
    496 ?        Ss     0:00 sshd: /usr/bin/sshd -D [listener] 0 of
10-100 startups
    498 ?        Ssl    0:00 /usr/bin/gdm
    504 ?        Ssl    0:00 /usr/lib/accounts-daemon
    509 ?        Ssl    0:00 /usr/lib/polkit-1/polkitd --no-debug
    623 ?        Ssl    0:01 /usr/lib/upowerd
    630 ?        SNsl   0:00 /usr/lib/rtkit-daemon
    758 ?        Ssl    0:00 /usr/lib/colord
    821 ?        Sl     0:00 gdm-session-worker [pam/gdm-password]
    832 ?        Ss     0:00 /usr/lib/systemd/systemd --user
    833 ?        S      0:00 (sd-pam)
    843 ?        Sl     0:00 /usr/bin/gnome-keyring-daemon --daemonize
--login
    847 tty2     Ssl+   0:00 /usr/lib/gdm-wayland-session
/usr/bin/gnome-session
    849 ?        Ss     0:04 /usr/bin/dbus-daemon --session --
address=systemd: --nofork --nopidfile --systemd-activation --syslog-
```

```
only
    851 tty2     Sl+    0:00 /usr/lib/gnome-session-binary
    877 ?        Ssl    0:00 /usr/lib/gnome-session-ctl --monitor
    879 ?        Ssl    0:01 /usr/lib/gnome-session-binary --systemd-
service --session=gnome
    894 ?        Ssl   36:32 /usr/bin/gnome-shell
    905 ?        Ssl    0:00 /usr/lib/gvfsd
    910 ?        Sl     0:00 /usr/lib/gvfsd-fuse /run/user/1000/gvfs -
f
    917 ?        Ssl    0:00 /usr/lib/at-spi-bus-launcher
    923 ?        S      0:00 /usr/bin/dbus-daemon
--config-file=/usr/share/defaults/at-spi2/accessibility.conf --nofork
--print-address 3
    951 ?        Ssl    0:00 /usr/lib/xdg-permission-store
    957 ?        Sl     0:00 /usr/lib/gnome-shell-calendar-server
    964 ?        Ssl    0:00 /usr/lib/evolution-source-registry
    965 ?        S<sl  33:42 /usr/bin/pulseaudio --daemonize=no --log-
target=journal
    971 ?        Sl     0:00 /usr/lib/goa-daemon
    972 ?        Ssl    0:00 /usr/lib/gvfs-udisks2-volume-monitor
    975 ?        Ssl    0:03 /usr/lib/udisks2/udisksd
    978 ?        Ssl    0:00 /usr/lib/evolution-calendar-factory
   1002 ?        Sl     0:00 /usr/lib/pulse/gsettings-helper
   1027 ?        Sl     0:00 /usr/lib/goa-identity-service
   1028 ?        Ssl    0:00 /usr/lib/gvfs-mtp-volume-monitor
   1038 ?        Ssl    0:00 /usr/lib/dconf-service
   1039 ?        Ssl    0:00 /usr/lib/gvfs-gphoto2-volume-monitor
   1046 ?        Ssl    0:00 /usr/lib/evolution-addressbook-factory
   1050 ?        Ssl    0:00 /usr/lib/gvfs-goa-volume-monitor
   1056 ?        Ssl    0:01 /usr/lib/gvfs-afc-volume-monitor
   1071 ?        Sl     0:00 /usr/bin/gjs
/usr/share/gnome-shell/org.gnome.Shell.Notifications
   1073 ?        Sl     0:00 /usr/lib/at-spi2-registryd --use-gnome-
session
   1084 ?        Ssl    0:00 /usr/lib/gsd-a11y-settings
   1085 ?        Ssl    0:00 /usr/lib/gsd-color
   1087 ?        Ssl    0:00 /usr/lib/gsd-datetime
   1089 ?        Ssl    0:01 /usr/lib/gsd-housekeeping
   1090 ?        Ssl    0:00 /usr/lib/gsd-keyboard
   1091 ?        Ssl    0:01 /usr/lib/gsd-media-keys
   1092 ?        Ssl    0:00 /usr/lib/gsd-power
   1093 ?        Ssl    0:00 /usr/lib/gsd-print-notifications
   1096 ?        Ssl    0:00 /usr/lib/gsd-rfkill
   1097 ?        Ssl    0:00 /usr/lib/gsd-screensaver-proxy
   1098 ?        Ssl    0:00 /usr/lib/gsd-sharing
   1099 ?        Ssl    0:00 /usr/lib/gsd-smartcard
   1103 ?        Ssl    0:00 /usr/lib/gsd-sound
   1107 ?        Ssl    0:00 /usr/lib/gsd-usb-protection
   1113 ?        Ssl    0:00 /usr/lib/gsd-wacom
   1118 ?        Sl     0:00 /usr/lib/evolution-data-server/evolution-
alarm-notify
   1137 ?        Sl     0:00 /usr/lib/gsd-disk-utility-notify
   1178 ?        Sl     0:00 /usr/bin/gjs
/usr/share/gnome-shell/org.gnome.ScreenSaver
   1181 ?        Sl     0:00 /usr/lib/gsd-printer
```

```
   1264 ?        Ssl    1:59 /usr/lib/gnome-terminal-server
   1314 ?        Sl   115:38 /usr/lib/firefox/firefox
   1364 ?        Sl     0:00 /usr/lib/firefox/firefox -contentproc -
parentBuildID 20210923165649 -prefsLen 1 -prefMapSize 246833 -
appdir /usr/lib/firefox/browser 1314 true socket
   1434 ?        Sl     2:32 /usr/lib/firefox/firefox -contentproc -
childID 2 -isForBrowser -prefsLen 5043 -prefMapSize 246833 -jsInit
285716 -parentBuildID 20210923165649 -appdir /usr/lib/firefox/browser
1314 true tab
   1501 ?        Sl    49:54 /usr/lib/firefox/firefox -contentproc -
childID 3 -isForBrowser -prefsLen 5838 -prefMapSize 246833 -jsInit
285716 -parentBuildID 20210923165649 -appdir /usr/lib/firefox/browser
1314 true tab
   1532 ?        Sl    40:14 /usr/lib/firefox/firefox -contentproc -
childID 4 -isForBrowser -prefsLen 7235 -prefMapSize 246833 -jsInit
285716 -parentBuildID 20210923165649 -appdir /usr/lib/firefox/browser
1314 true tab
   1586 ?        Sl     0:00 /usr/lib/firefox/firefox -contentproc -
parentBuildID 20210923165649 -prefsLen 8441 -prefMapSize 246833 -
appdir /usr/lib/firefox/browser 1314 true rdd
   1661 ?        Sl     0:33 /usr/lib/firefox/firefox -contentproc -
childID 6 -isForBrowser -prefsLen 8515 -prefMapSize 246833 -jsInit
285716 -parentBuildID 20210923165649 -appdir /usr/lib/firefox/browser
1314 true tab
   1736 ?        Ssl    0:00 /usr/lib/gvfsd-metadata
   2840 ?        Ss     0:00 /usr/lib/systemd/systemd
   2867 ?        Ss     0:00 /usr/lib/systemd/systemd-journald
   2874 ?        Ss     0:00 /usr/lib/systemd/systemd-networkd
   2879 ?        Ss     0:00 /usr/lib/systemd/systemd-resolved
   2884 ?        Ss     0:00 /usr/bin/dbus-daemon --system --
address=systemd: --nofork --nopidfile --systemd-activation --syslog-
only
   2885 ?        Ss     0:00 /usr/lib/systemd/systemd-logind
   2918 ?        S      0:00 /usr/bin/ssh-agent -D -a
/run/user/1000/keyring/.ssh
   2922 ?        Ss     0:00 /usr/lib/systemd/systemd --user
   3060 ?        Sl     1:09 /usr/bin/Xwayland :0 -rootless -noreset -
accessx -core -auth /run/user/1000/.mutter-Xwaylandauth.Z0BOC1 -
listenfd 4 -listenfd 5 -displayfd 6 -initfd 7
   3064 ?        Sl     2:30 ibus-daemon --panel disable -r --xim
   3066 ?        Ssl    0:01 /usr/lib/gsd-xsettings
   3072 ?        Sl     0:00 /usr/lib/ibus/ibus-dconf
   3073 ?        Sl     0:26 /usr/lib/ibus/ibus-extension-gtk3
   3075 ?        Sl     0:23 /usr/lib/ibus/ibus-x11 --kill-daemon
   3081 ?        Sl     0:05 /usr/lib/ibus/ibus-portal
   3103 ?        Sl     0:32 /usr/lib/ibus/ibus-engine-simple
   3142 ?        Sl     0:14 /usr/lib/ibus/ibus-engine-m17n --ibus
   3202 ?        Sl     0:00 /usr/bin/gnome-calendar --gapplication-
service
   3208 ?        Sl     0:11 /usr/bin/gnome-software --gapplication-
service
   3244 ?        Sl     0:00 /usr/lib/gvfsd-trash --spawner :1.16
/org/gtk/gvfs/exec_spaw/0
   3285 ?        SNsl   0:01 /usr/lib/tracker-miner-fs-3
  12166 ?        Sl    41:21 /usr/lib/firefox/firefox -contentproc -
```

```
childID 33 -isForBrowser -prefsLen 9824 -prefMapSize 246833 -jsInit
285716 -parentBuildID 20210923165649 -appdir /usr/lib/firefox/browser
1314 true tab
  17736 pts/4    R+     0:00 ps ax
$
```

[illegible]?’ [illegible].

‘[illegible] top [illegible], [illegible] TUI (Terminal User Interface) [illegible]’ [illegible] ‘[illegible]?’ [illegible] ‘[illegible] TUI [illegible] GUI (Graphical User Interface) [illegible], [illegible], [illegible]’ [illegible]. ‘[illegible] GUI [illegible]?’ [illegible] ‘[illegible]? [illegible]? [illegible]? [illegible], [illegible]’ [illegible]. ‘top [illegible]. [illegible], [illegible], [illegible], [illegible], [illegible]?’ [illegible] ‘[illegible], [illegible] top [illegible], [illegible]’ [illegible].

```
$ top
$
```

‘[illegible], free [illegible], [illegible]’ [illegible] ‘free [illegible]?’ [illegible] ‘[illegible], free [illegible] Available [illegible]’ [illegible].

```
$ free
               total        used        free      shared  buff/cache
available
Mem:         8026564     4231316     2090600      502472     1704648
3010980
Swap:              0           0           0
$
```

‘[illegible]’ [illegible] ‘[illegible] top [illegible] avail mem [illegible]’ [illegible] ‘[illegible], [illegible], [illegible]

```
$ cat /proc/meminfo
MemTotal:        8026564 kB
MemFree:         2075944 kB
MemAvailable:    2996384 kB
Buffers:              36 kB
Cached:          1571036 kB
```

```
SwapCached:            0 kB
Active:           645336 kB
Inactive:        4451160 kB
Active(anon):       6496 kB
Inactive(anon):  4016464 kB
Active(file):     638840 kB
Inactive(file):   434696 kB
Unevictable:      423684 kB
Mlocked:               0 kB
SwapTotal:             0 kB
SwapFree:              0 kB
Dirty:               360 kB
Writeback:             0 kB
AnonPages:       3949128 kB
Mapped:           487424 kB
Shmem:            503880 kB
KReclaimable:     135084 kB
Slab:             226396 kB
SReclaimable:     135084 kB
SUnreclaim:        91312 kB
KernelStack:       15376 kB
PageTables:        46944 kB
NFS_Unstable:          0 kB
Bounce:                0 kB
WritebackTmp:          0 kB
CommitLimit:     4013280 kB
Committed_AS:   11759676 kB
VmallocTotal:   34359738367 kB
VmallocUsed:       40268 kB
VmallocChunk:          0 kB
Percpu:             6464 kB
HardwareCorrupted:     0 kB
AnonHugePages:         0 kB
ShmemHugePages:        0 kB
ShmemPmdMapped:        0 kB
FileHugePages:         0 kB
FilePmdMapped:         0 kB
CmaTotal:              0 kB
CmaFree:               0 kB
HugePages_Total:       0
HugePages_Free:        0
HugePages_Rsvd:        0
HugePages_Surp:        0
Hugepagesize:       2048 kB
Hugetlb:               0 kB
DirectMap4k:      376448 kB
DirectMap2M:     7897088 kB
$
```

[illegible] MemAvailable [illegible]’ [illegible] ‘ [illegible] /proc [illegible]’ [illegible].

‘[illegible], kill [illegible]?’ [illegible], ‘[illegible], [illegible], kill [illegible]

```
$ kill 965
```

965 pid pulseaudio pid, kill 965 pid pulseaudio kill -L

```
$ kill -L
```

9) SIGKILL, 11) SIGSEGV, 15) SIGTERM, 18) SIGCONT, 19) SIGSTOP SIGTERM kill 15) SIGTERM SIGKILL 11) SIGSEGV 19) SIGSTOP 18) SIGCONT ‘9) SIGKILL ?’ ‘9) SIGKILL SIGKILL

[illegible]’ [illegible].

‘[illegible]’ [illegible]?’ [illegible] ‘[illegible]?’ [illegible]’ [illegible].

[illegible] ‘[illegible] i3 [illegible] cinnamon’ [illegible]. [illegible] ‘[illegible], [illegible] i3 [illegible] btw [illegible], [illegible] cinnamon [illegible] Mint’ [illegible]. [illegible] ‘Mint [illegible] i3, cinnamon, btw?’ [illegible] ‘cinnamon [illegible], [illegible] (UI) [illegible], [illegible], i3 [illegible], [illegible], i3 [illegible]’ [illegible] ‘[illegible] btw? Mint [illegible]? [illegible]?’ [illegible] ‘[illegible]’ [illegible].

‘[illegible]?’ [illegible]’ [illegible].

‘[illegible]. [illegible]’ [illegible]. ‘[illegible], [illegible], [illegible]’ [illegible] ‘[illegible], [illegible], [illegible]’ [illegible]. ‘[illegible], [illegible], [illegible], [illegible], [illegible]’ [illegible] ‘[illegible], [illegible], [illegible], [illegible], [illegible]’ [illegible] ‘[illegible], [illegible], [illegible]’ [illegible].

‘[illegible], [illegible], btw I too use arch, [illegible] i3? [illegible] RICE?’ [illegible]. ‘[illegible]’ [illegible]. ‘[illegible] Archlinux, [illegible] btw?’ [illegible] ‘btw [illegible], [illegible], [illegible] btw I use arch [illegible], [illegible], [illegible] btw, Archlinux [illegible]’ [illegible] ‘[illegible], [illegible]?’ [illegible]. ‘[illegible], [illegible]? [illegible]’ [illegible] ‘[illegible], [illegible]’ [illegible] ‘[illegible], [illegible], [illegible] RICE?’ [illegible] ‘[illegible], [illegible], [illegible] Race Inspired Cosmetic Enhancements (RICE), [illegible], [illegible] [illegible] [illegible]/[illegible] [illegible]’ [illegible] ‘[illegible], [illegible], [illegible],[illegible]’ [illegible]. [illegible] ‘[illegible], [illegible]’ [illegible]. [illegible] ‘[illegible]?’ [illegible] ‘[illegible], [illegible]’ [illegible] ‘[illegible], [illegible]?’ [illegible] ‘RICE [illegible], [illegible], [illegible], [illegible], [illegible], [illegible]’ [illegible] ‘[illegible], [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible]’ [illegible] [illegible] [illegible].

‘[illegible], [illegible], [illegible] [illegible] [illegible] [illegible] [illegible]’ [illegible] [illegible] [illegible] ‘[illegible]?’ [illegible] [illegible] [illegible] ‘[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]’ [illegible] [illegible] [illegible] [illegible] [illegible] ‘[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]’ [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] ‘[illegible] [illegible], [illegible] [illegible] [illegible] [illegible]’ [illegible] [illegible] [illegible] [illegible] [illegible].

[illegible]..

[illegible] [illegible]

[illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. ‘[illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]’ [illegible] [illegible] ‘[illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible]’ [illegible] [illegible] ‘[illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible]’ [illegible] [illegible] ‘[illegible] [illegible] [illegible], [illegible] [illegible] [illegible]’ [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] ‘[illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]’ [illegible] [illegible] [illegible] ‘[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]’ [illegible] [illegible] [illegible] ‘[illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible]’ [illegible] [illegible] [illegible]. ‘[illegible], [illegible] [illegible] [illegible] [illegible] [illegible]’ [illegible] [illegible] [illegible] ‘[illegible] [illegible] [illegible] [illegible]’ [illegible] [illegible] ‘[illegible] [illegible]’ [illegible] [illegible] [illegible].

‘[illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible]

[illegible]

[illegible]

[illegible]

[illegible] 11.30 [illegible]

vi, emacs, nano

‘nano’ ‘vi’ ‘emacs?’ ‘emacs’ ‘emacs emacs’ ‘emacs’ ‘ed’ ‘man ed’

https://man.freebsd.org/ ed ed

‘ed?’ ed i a w ed

[illegible] q [illegible]’ [illegible].

```
$ ed
a
hello world
.
w helloworld.txt
12
q
$
```

‘[illegible], [illegible], [illegible]’ [illegible] ed [illegible] cat [illegible].

```
$ cat helloworld.txt
hello world
$
```

‘[illegible]’ [illegible] ed [illegible].

```
$ ed
e helloworld.txt
12
a
hello madhan
.
w
25
q
$ cat helloworld.txt
hello world
hello madhan
$
```

[illegible] cat [illegible] ‘[illegible] cat [illegible], ed [illegible] 1,$p [illegible], [illegible], [illegible] ,p [illegible]’ [illegible]

```
$ ed
e helloworld.txt
25
1,$p
hello world
hello madhan
,p
hello world
hello madhan
q
$
```

[illegible] ‘[illegible] ed [illegible]

[illegible], [illegible] world [illegible] g/world/p [illegible]’ [illegible].

```
$ ed
e helloworld.txt
25
g/world/p
hello world
q
$
```

‘[illegible], world [illegible]’ [illegible] ‘[illegible] grep [illegible], [illegible] ed [illegible] g/<re>/p [illegible] grep [illegible]’ [illegible]. ‘[illegible], [illegible] world [illegible] karthika [illegible] 1,$s/world/karthika/g [illegible], [illegible] ,p [illegible]’ [illegible].

```
$ ed
e helloworld.txt
25
1,$s/world/karthika/g
,p
hello karthika
hello mohan
q
?
```

‘[illegible] ? [illegible]’ [illegible] ‘[illegible] world [illegible] karthika [illegible], [illegible], h [illegible], [illegible]’ [illegible], [illegible]

```
h
warning: buffer modified
```

‘[illegible] w [illegible]?’ [illegible]

```
w
28
,p
hello karthika
hello madhan
q
$
```

‘[illegible]’ [illegible] ‘[illegible] sed [illegible], [illegible] sed [illegible] stream editor [illegible] stream ed [illegible]. ed [illegible] sed [illegible]’ [illegible] ‘[illegible], ed [illegible] grep [illegible] sed [illegible]?’ [illegible] ‘[illegible], regex [illegible] ed [illegible]’ [illegible]. [illegible] regex [illegible].

[illegible]

[illegible] man sh [illegible] https://man.freebsd.org [illegible] sh [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]..

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] 650 [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]..

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] /r/unixporn [illegible] (bspwm) [illegible] (i3) [illegible] hostapd [illegible] hostapd [illegible] hostapd [illegible]

[illegible]. ‘[illegible], [illegible]
[illegible]’ [illegible]. ‘[illegible]
[illegible], [illegible]
[illegible], [illegible]
[illegible]’ [illegible].
‘[illegible]
[illegible]
hostapd [illegible]. [illegible]? [illegible]
[illegible]. [illegible].
[illegible]?’ [illegible], ‘[illegible]
[illegible], [illegible]. [illegible], [illegible]
[illegible], iw [illegible]
hostapd [illegible]
[illegible]. [illegible], [illegible]
[illegible], [illegible], [illegible]
[illegible]
[illegible], [illegible]
[illegible]’ [illegible]. ‘[illegible]?
[illegible]?’ [illegible] ‘[illegible], [illegible]. [illegible]
[illegible], [illegible]
[illegible]’ [illegible]
[illegible].

‘[illegible]. [illegible]
[illegible], [illegible] 4k [illegible]? 48 [illegible]?’ [illegible] ‘[illegible], 48 [illegible] 4k
[illegible]. [illegible], [illegible], [illegible]’
[illegible]. [illegible]
[illegible], ‘[illegible]’ [illegible]
[illegible]. [illegible].
[illegible] ‘[illegible], [illegible]?
[illegible]
[illegible]. ‘[illegible]
[illegible], [illegible]’,
[illegible] ‘[illegible], [illegible]
[illegible], [illegible]?’ [illegible]. ‘[illegible]
[illegible], [illegible]’ [illegible]
[illegible]. ‘[illegible]? [illegible]
[illegible]?’ [illegible], ‘[illegible]
[illegible], [illegible]
[illegible]?’ [illegible] ‘[illegible]. [illegible]’
[illegible]. ‘[illegible]’, [illegible]
[illegible] ‘[illegible], [illegible] (chromecast) [illegible]?’
[illegible], ‘[illegible] (miracast)
[illegible]’,
[illegible] ‘[illegible]
[illegible]?’ [illegible], ‘[illegible], [illegible]
[illegible]. [illegible] (DLNA) [illegible], [illegible]’ [illegible]
[illegible] ‘[illegible]’ [illegible]
‘[illegible], [illegible]?’ [illegible] ‘[illegible]
[illegible], [illegible]
[illegible], [illegible]
[illegible]. [illegible], [illegible]
[illegible]’ [illegible] ‘[illegible]
[illegible] (miniDLNA) [illegible], [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]..

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] [illegible] [illegible] ‘[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]’ [illegible] [illegible] [illegible] [illegible]. ‘[illegible], [illegible]?’ [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. ‘[illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible], [illegible] [illegible] [illegible]’ [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. ‘[illegible] [illegible], [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]’ [illegible] [illegible] ‘[illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]’ [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. ‘[illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]?’ [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible].

[illegible] [illegible] [illegible] [illegible] [illegible] ‘[illegible] [illegible] [illegible]. [illegible]’ [illegible] [illegible] [illegible] ‘[illegible] [illegible]’ [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. ‘[illegible] [illegible] [illegible]?’ [illegible] [illegible] ‘[illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]’ [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. ‘[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]’ [illegible] [illegible] [illegible] [illegible] ‘[illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible]’ [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. ‘[illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible]’ [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. ‘[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible]’ [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] ‘[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible]? [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]’ [illegible] [illegible] ‘[illegible] [illegible] [illegible] [illegible], [illegible] [illegible]’ [illegible] [illegible] [illegible] [illegible] [illegible].

‘[illegible] [illegible]’ [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. ‘[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]’ [illegible] [illegible] ‘[illegible] [illegible] [illegible] [illegible], [illegible] [illegible]’ [illegible] [illegible] [illegible]. ‘[illegible] [illegible] [illegible] [illegible]’ [illegible] [illegible] ‘[illegible] [illegible] [illegible] [illegible]? [illegible] [illegible]? [illegible] [illegible] [illegible] [illegible]?’ [illegible] [illegible]

[illegible]

[illegible]

[illegible] SIGSTOP/SIGCONT [illegible] dd [illegible] mkswap [illegible] swapon [illegible]

[illegible]

[illegible]

[illegible]

Note:

[illegible] “identify -format ‘%[EXIF:toCEO]’ <thisimage>” [illegible]

[illegible] pbadm7698, [illegible] sudo [illegible]

[illegible] JaiSriRam1JaiRadhe4JaiHanuman3’ [illegible] ‘F**k, [illegible]

[illegible] IRC [illegible]

[illegible] IRC [illegible] Tor [illegible] IRC [illegible] #WelcomeCEO [illegible] IRC

[illegible]. [illegible], [illegible] “[illegible], [illegible]” [illegible]. [illegible] “[illegible]” [illegible]. [illegible] “[illegible]” [illegible] “[illegible]” [illegible]. “[illegible], [illegible], [illegible], [illegible]. [illegible]. [illegible] (debugging) [illegible] tcpdump [illegible]. tcpdump [illegible]. [illegible], [illegible], [illegible], [illegible]. [illegible]. [illegible]. [illegible]” [illegible]’ [illegible].

‘[illegible] “[illegible]. [illegible]. [illegible] https [illegible] ssh [illegible]. [illegible] https [illegible]. [illegible]. [illegible]. [illegible] https [illegible]. [illegible] ssh [illegible]. [illegible] ssh [illegible]” [illegible] “[illegible]? [illegible]” [illegible]. [illegible] “[illegible], [illegible], [illegible], [illegible]. [illegible]. Arp cache poisoning, [illegible] ip address [illegible] Arp [illegible]. [illegible]. [illegible] ssh [illegible]

[illegible]. [illegible], [illegible] pbadm7698, [illegible] Jaisriram1jairadhe4jaihanuman3” [illegible]. [illegible]. [illegible] “[illegible] Arp poisoning attack [illegible], [illegible]” [illegible]. [illegible] “[illegible] Arp [illegible] ip address [illegible]. [illegible]. [illegible]. [illegible]. [illegible] ”[illegible]’ [illegible]. [illegible] ‘[illegible]’ [illegible] ‘[illegible]’ [illegible].

[illegible] ‘[illegible] “[illegible], [illegible], [illegible]. [illegible] sql query [illegible], [illegible], [illegible]. [illegible] sql query [illegible]. [illegible] sql query [illegible], [illegible], [illegible]. [illegible]. [illegible]. [illegible]. [illegible]. [illegible]. [illegible]. [illegible]. [illegible]” [illegible]. [illegible], [illegible]. [illegible], [illegible]. [illegible]. [illegible], [illegible]. [illegible], [illegible], [illegible] -[illegible]-[illegible]-[illegible]. [illegible]. [illegible]. [illegible], [illegible]. [illegible], [illegible]

[illegible]

[illegible] IRC channel [illegible]

[illegible]

[illegible] IRC channel [illegible] IRC [illegible]

[illegible]

[illegible]

Note:

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] 5 [illegible]

[illegible] F**k [illegible], F**k [illegible], F**k [illegible], F**k [illegible], F**k [illegible], F**k [illegible], F**k [illegible], F**k [illegible] [illegible]

[illegible] weechat-android [illegible] IRC client [illegible] #WelcomeCEO [illegible] IRC channel [illegible]

[illegible] sql query [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] 16x9-98”-8k-OLED [illegible] 9.2.4 [illegible] 9.2.4 [illegible]

[illegible]

[illegible]

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